

TI Hair dyes containing quinone imines, N-halogenated quinone imines, aromatic amines and phenols

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AB

The invention concerns hair dyes that contain quinone imines, N-halogenated quinone imines, arom. amines and phenols and are applied without an oxidn. agent. Thus 3-methyl-1,4-benzoquinone-4-[O-(methylsulfonyl)oxim] and 3-methyl-4-(chloroimino)-2,5-cyclohexadiene-1-one were synthesized; 0.067g and 0.049 g resp. of the dyes were used along with 0.068 g 3-aminophenol in a composition to result a dark blond color. Other ingredients were (g): ethanol 5.0; Plantaren 2000 4.0; EDTA disodium salt 0.2; water to 100.